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DMC-FX77
Digital Camera

- f/2.5 LEICA DC VARIO-SUMMARIT Lens with 24mm Wide-angle
- 1920x1080 Full HD Movie in AVCHD Format and MEGA O.I.S. with Active Mode
- Smart Touch-screen Operation with 3.5-inch LCD and Beauty Retouch Mode
- 12.1-megapixel High-speed CCD and 6.5x Intelligent Zoom
- 3D Photo Mode, LUMIX Image Uploader and Creative Functions
- iA(Intelligent Auto) Mode with Motion Deblur Mode
- LUMIX Compact Digital Camera

Compact Digital Camera FX77 - Photo / Movie Hybrid Slim Compact Camera with Bright LEICA Lens and Intuitive Touch Operation

Metrics

Dimensions (W x H x D)	99.7 x 55.2 x 20.6 mm (3.93 x 2.17 x 0.81 in)
Weight	Approx. 126g without Battery and SD Memory Card (0.28 lb) Approx. 142g with Battery and SD Memory Card (0.32 lb)

Optics

Camera Effective Pixels	12.1 Megapixels
Sensor Size / Total Pixels / Filter	1/2.33-type CCD sensor / 12.5 Total Megapixels / Primary Color Filter
Aperture	F2.5 - 5.9/ Iris Diaphragm (F2.5 - 8 (W) / F5.9 - 18 (T))
Optical Zoom	5x
Focal Length	f=4.3-21.5mm (24-120mm in 35mm equiv.) (26-130mm in 35mm equiv. in movie recording)
Extra Optical Zoom (EZ)	6.1x (4:3 / 8M), 7.8x (4:3 / 5M), 9.8x (4:3 / under 3M)
Intelligent Zoom	6.5x
Lens	LEICA DC VARIO-SUMMARIT 7 elements in 6 groups (3 Aspherical Lenses / 5 Aspherical surfaces)
Optical Image Stabilizer	MEGA O.I.S. (Off /On / Active Mode(only for motion picture))
Digital Zoom	4x (Max. 20.0 x combined with Optical Zoom without Extra Optical Zoom) (Max. 39.2 x combined with Extra Optical Zoom)
Focusing Area	Normal: Wide 50 cm - infinity / Tele 100 cm - infinity

RP-CDHM15E-K

RP-CDHM30E-K

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	Macro / Intelligent AUTO/ movie recording: Wide 3 cm - infinity / Tele 100cm - infinity
Focus Range Display	Yes
AF Assist Lamp	Yes
Focus	Normal / AF Macro, Zoom Macro, Quick AF, AF Tracking, Touch AF/ AE, Continuous AF(only for motion picture)
AF Metering	Face / AF Tracking / 23pt / 1pt / Spot / Touch Area
Shutter Speed	Still: 8 - 1/4000 sec Starry Sky Mode : 15, 30, 60sec
Shutter Interval	approx. 0.3 sec

Recording

Motion Picture Recording (*2)	[4:3] VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) [HD Movie] 1920x1080 pixels, 50i (Sensor output is 25p) (FSH:17Mbps/AVCHD) 1280x 720 pixels, 50p (Sensor output is 25p) (SH:17Mbps/ AVCHD) 1280x 720 pixels, 30fps (QuickTime MotionJPEG)
AVCHD with picture quality (Continuous recordable time [motion pictures])	approx. 60 min (FSH), 65 min (SH)
AVCHD with picture quality (Actual recordable time[motion pictures])	approx. 35 min (FSH), 38 min (SH)
Motion Deblur	Yes
Face Recognition	Photo
Optical Image Stabilizer	Photo / Movie
Intelligent ISO Control	Photo
Face Detection	Photo / Movie
Intelligent Scene Selector	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Sunset, Macro) Movie (Portrait, Scenery, Low Light, Macro)
Intelligent Exposure	Photo / Movie
AF Tracking	Photo / Movie
Digital Red Eye Correction (Red-Eye Removal)	Photo
Intelligent Resolution Technology	Photo / Movie
File Format	Still Image: JPEG(DCF/Exif2.3) 3D Image: MPO Motion picture: AVCHD, QuickTime Motion JPEG
AVCHD / AVCHD Lite REC	PAL
One-Touch Movie Button	Yes
Mode Dial / Mode Button	Intelligent Auto, Normal Picture, 3D Photo, SCN, Cosmetic, My Color
Still Image Scene Mode	Portrait, Transform, Self-Portrait, Scenery, Panorama Assist, Sports, Night Portrait, Night Scenery, Handheld Night Shot, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High sensitivity, Hi-Speed Burst(Image priority / Speed priority), Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial, Photoframe

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Movie Scene Mode	Portrait, Transform, Self-Portrait, Scenery, Low Light, Food, Party, Candle Light, Sunset, Beach, Snow, Aerial, High Sensitivity (Activated by selecting Still Picture Scene Mode then pressing movie button. Still Picture Scene Modes without corresponding Movie Scene Mode is recorded in Normal Mode)
Continuous Shooting Mode	Full-Resolution Image, 3.7 frames/sec Max. 7 images High-speed Burst Mode: approx. 6 frames/sec (image priority) approx. 10 frames/sec (speed priority) (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 16:9, 2.5M for 1:1)
MOTION JPEG with picture quality set to [HD] (Continuous recordable time[motion pictures])	approx. 75 min
MOTION JPEG with picture quality set to [HD] (Actual recordable time[motion pictures])	approx. 40 min
Exposure	Program AE
Exposure Compensation	1/3 EV step, +/-2 EV
Backlight Compensation	Yes (only in Intelligent AUTO mode)
Auto (AE) Bracketing	1/3 ~1EV step, Max +/-1, 3 frames
Light Metering	Intelligent Multiple
ISO Sensitivity	Auto / i.ISO / 100 / 200 / 400 / 800 / 1600 High Sensitivity mode (ISO 1600-6400)
Max Auto ISO Setting	No
Aspect Ratio	1:1 / 4:3 / 3:2 / 16:9
Still Picture Recording	[1:1]2992x2992(9M) / 2448x2448(6M EZ) / 1920x1920(3.5M EZ) / 1536x1536(2.5M EZ) / 480x480(0.2M EZ) [4:3] 4000x3000(12M) / 3264x2448(8M EZ) / 2560X1920(5M EZ) /2048X1536(3M EZ) / 1600x1200(2M EZ) / 640x480(0.3M EZ) [3:2] 4000x2672 (10.5M) / 3264x2176 (7M EZ)/ 2560x1712 (4.5M EZ) / 2048x1360 (2.5M EZ) / 640x424(0.3M EZ) [16:9] 4000x2248 (9M) / 3264x1840 (6M EZ)/ 2560x1440(3.5M EZ) / 1920x1080 (2M EZ) / 640x360 (0.2M)
Image Quality	Fine / Standard (3D mode: MPO Fine / MPO Standard)
White Balance	Auto / Daylight / Cloudy / Shade / Incandescent / White Set (Selectable at Portrait, Transform, Self-Portrait, Panorama Assist, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Pinhole, Photo Frame, High Dynamic, Cosmetic)
Color Mode / Color Effect	My Color Mode (Expressive /Retro / Pure / Monochrome / High Dynamic / Silhouette / Pin Hole / Film Grain), Color Mode (Standard / Vivid / Natural / Black & White / Sepia / Cool / Warm), Happy (only in iA Mode)
Real-time histogram	Yes
Composition Guide line	Yes (2 pattern)
Auto Review	off,1sec, 2sec, Hold
Easy Zoom / Zoom Resume	No / No
Optical Zoom in Motion Picture	Yes
Macro Zoom	Yes
Orientation Detector	Yes
Scene Mode Help Screen	No
Self Timer	2sec / 10sec
Focus Icon Select	Yes (in Face Recognition only)

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Playback

Playback Mode	Normal Playback, Slideshow, Filtering Playback (Picture Only, Video Only, 3D, Category, Favorites), Album Playback, Dual Image Playback, Calendar Playback
Thumbnails / Zoomed Playback	12,30-thumbnails / Yes / Touch Magnification
Calendar Display / Dual-Image Playback	Yes / Yes
Set Favorites / Rotate Image	Yes / No
Playback Motion Picture	Yes
Slideshow Mode	All / Picture Only / Video Only / 3D / Album / Category / Favorites BGM Effect (Natural / Slow / Swing / Urban / OFF)
Show Histogram	Yes
Delete Image	Single / Multi / All / All except Favorites
DPOF Print Setting / Set Protection	Yes / Yes
Resize / Trim / Aspect Conv. / Leveling	Yes / Yes / No / No
Copy / Title Edit / Text Stamp	Yes / Yes / Yes
Cut Animation	Yes
Video Divide	Yes
PictBridge Support	Single / Multi / All / Favorites / DPOF

Setup

OSD language	Japanese, English, German, French, Italian, Spanish
Movie REC Guide	Yes
Wind-Cut in Motion Picture	Yes
Travel Date / World Time	Yes / Yes

Others

LUMIX Image Uploader	Yes
LCD Monitor	8.8cm (3.5") TFT Full Touch Screen LCD Display (230K dots), AR Field of View : approx. 100% Power LCD mode, AUTO Power LCD mode, High Angle mode
Touch Panel	Yes
Built-in-Flash	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off 0.6 - 5.9m (Wide/ISO Auto), 1.0 - 2.5m (Tele/ISO Auto)
Recording Media	Built-in Memory, SD Memory Card, SDHC Memory Card, SDXC Memory Card
Built-in-Memory	Approx. 70MB
Microphone / Speaker	Mono / Yes
Interface	mini HDMI, AV Output (PAL), USB2.0 High speed
Viera Link	Yes
HDMI output	Auto Only (Unselectable)
Power	Li-ion Battery Pack (3.6V, Minimum: 680mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional)

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Battery life (approx.)	200 pictures (CIPA Standard)*1
Included Software	PHOTOfunSTUDIO 6.0 HD Lite Edition QuickTime Adobe Reader Super LoiLoScope (trial version)
Standard Accessories	Battery Charger, Battery Pack, Stylus Pen, AC Cable, AV Cable, USB Cable, Hand Strap, CD-ROM
NOTE	·Motion images can be recorded continuously for up to 29 min 59 sec. ·If [Rec Quality] is set to [FSH], and if the surrounding temperature is high, or motion picture is recorded continuously, is displayed, and the recording may be stopped halfway through.